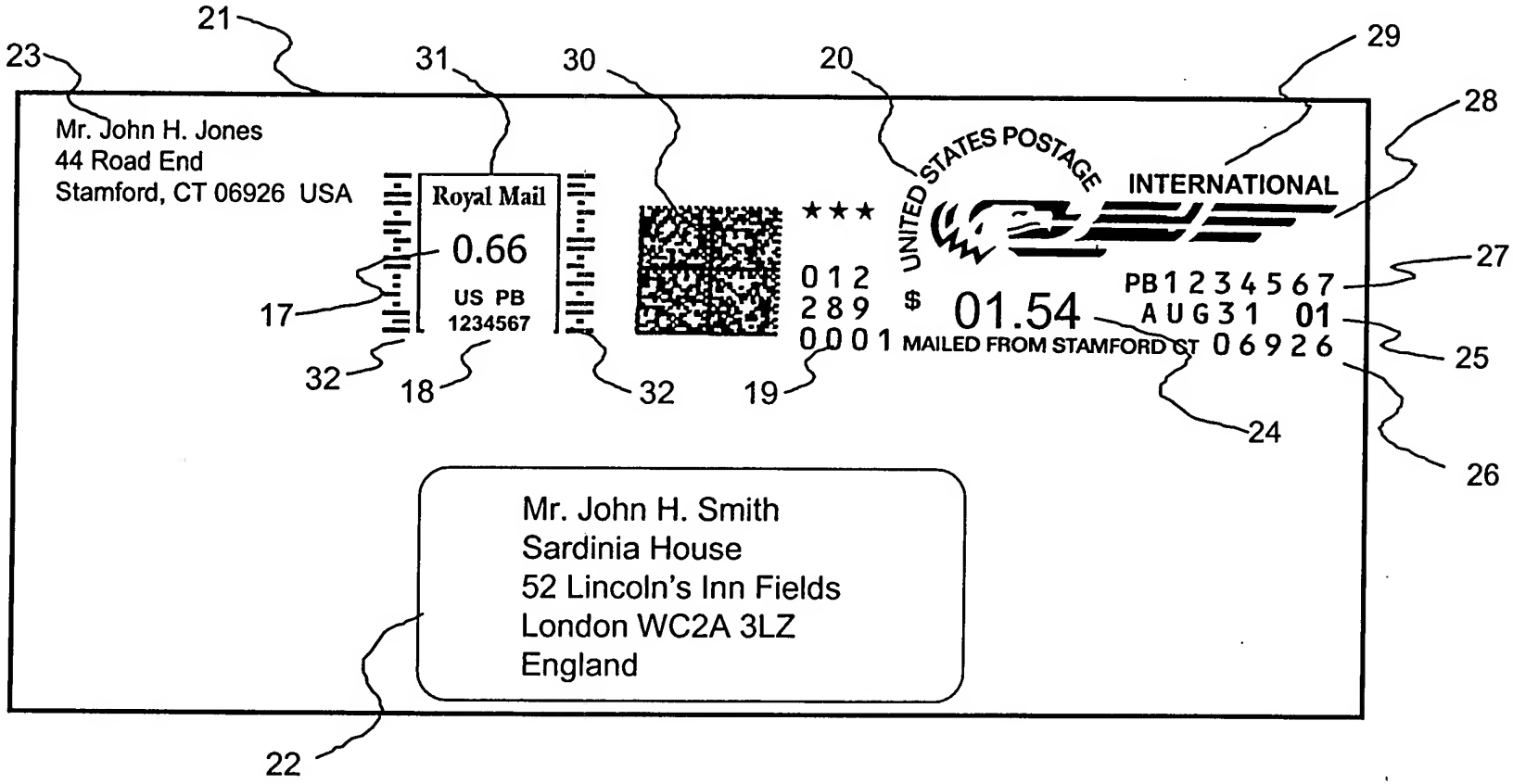
21
23
31
30
20
29
28
Mr. John H. Jones
44 Road End
Stamford, CT 06926 USA
Royal Mail
0.66
US PB
1234567
UNITED STATES POSTAGE
INTERNATIONAL
★★★
012
289
0001
$ 01.54
PB1234567
AUG31 01
MAILED FROM STAMFORD CT 06926
27
17
25
32
18
32
19
24
26
Mr. John H. Smith
Sardinia House
52 Lincoln's Inn Fields
London WC2A 3LZ
England
22

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FIGURE 1A

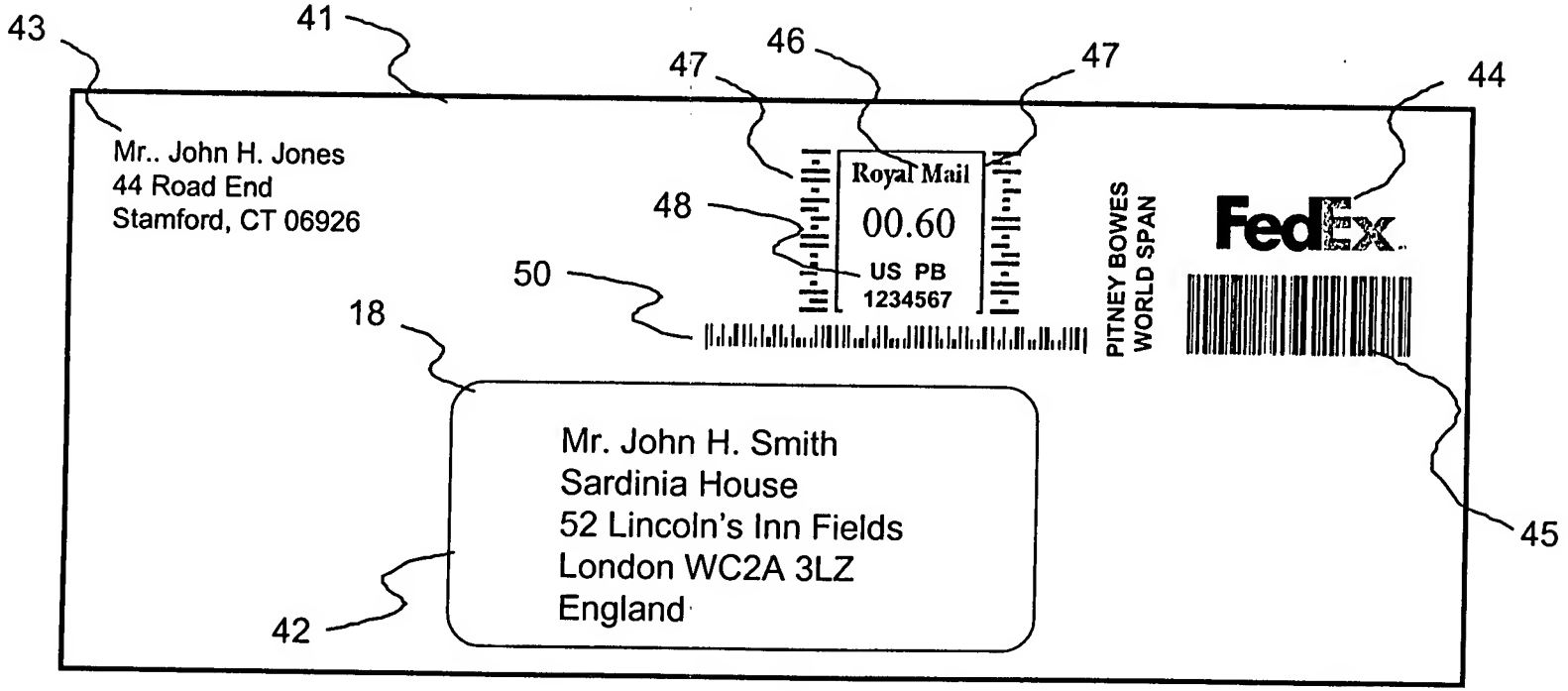
43
41
47
46
47
44
Mr.. John H. Jones
44 Road End
Stamford, CT 06926
Royal Mail
00.60
US PB
1234567
48
50
18
PITNEY BOWES
WORLD SPAN
FedEx
Mr. John H. Smith
Sardinia House
52 Lincoln's Inn Fields
London WC2A 3LZ
England
42
45

FIGURE 1B

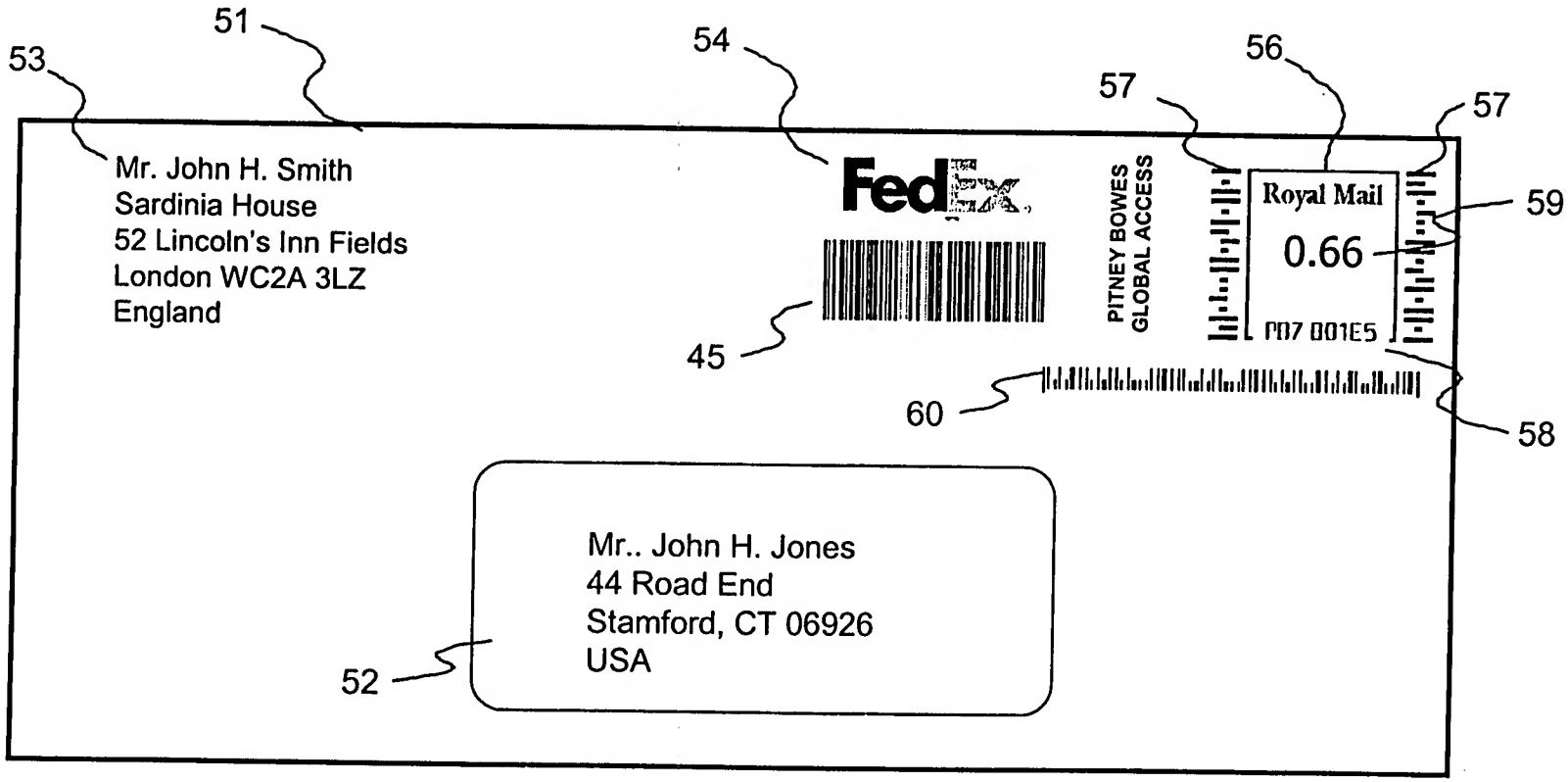
51
53
54
56
57
57
59
58
60
45
52
Mr. John H. Smith
Sardinia House
52 Lincoln's Inn Fields
London WC2A 3LZ
England
FedEx
PITNEY BOWES
GLOBAL ACCESS
Royal Mail
0.66
Mr.. John H. Jones
44 Road End
Stamford, CT 06926
USA

FIGURE 1C

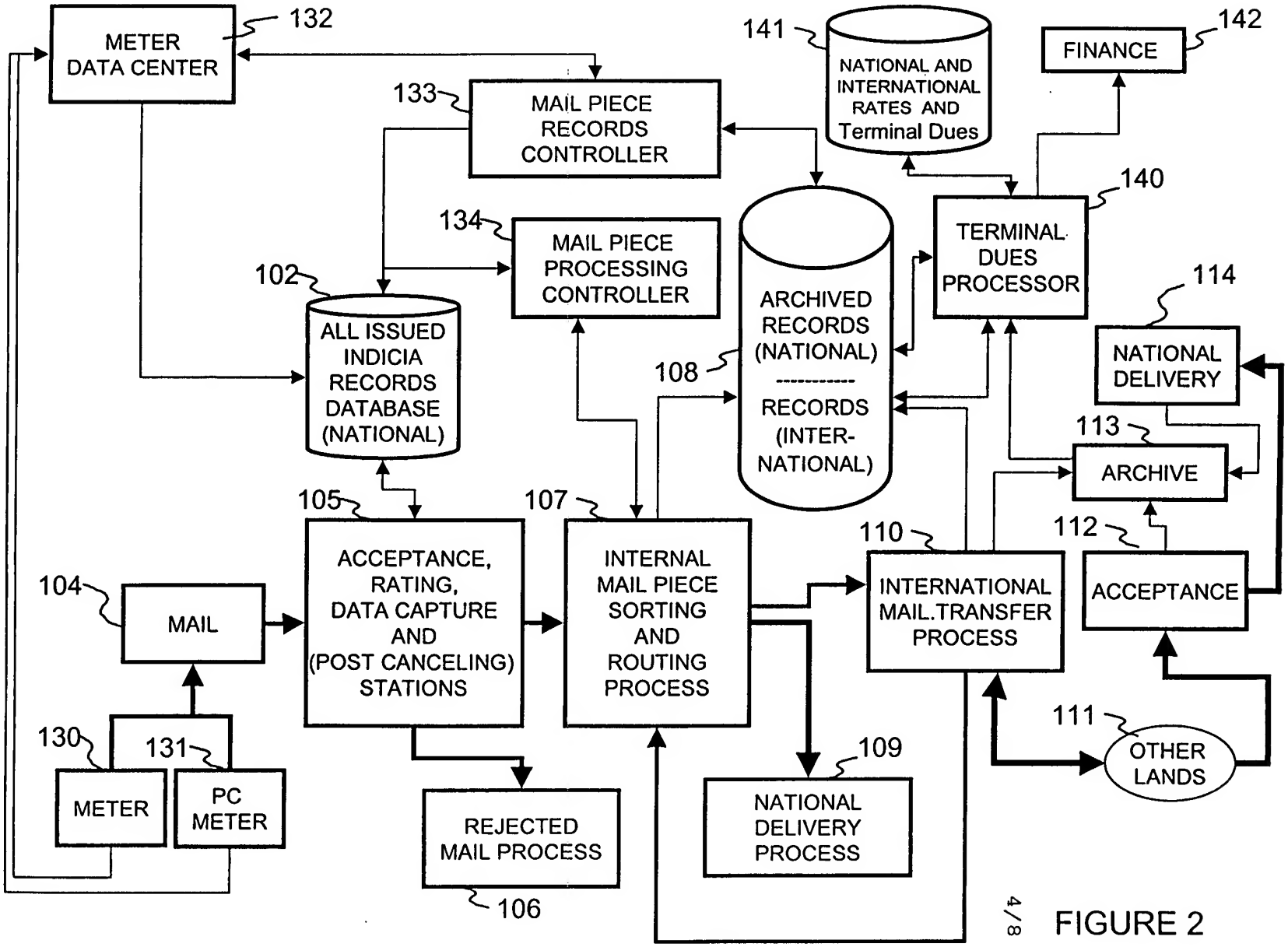
METER DATA CENTER
132
MAIL PIECE RECORDS CONTROLLER
133
NATIONAL AND INTERNATIONAL RATES AND Terminal Dues
141
FINANCE
142
MAIL PIECE PROCESSING CONTROLLER
134
TERMINAL DUES PROCESSOR
140
102
ALL ISSUED INDICIA RECORDS DATABASE (NATIONAL)
ARCHIVED RECORDS (NATIONAL)
RECORDS (INTER-NATIONAL)
108
NATIONAL DELIVERY
114
ARCHIVE
113
105
ACCEPTANCE, RATING, DATA CAPTURE AND (POST CANCELING) STATIONS
107
INTERNAL MAIL PIECE SORTING AND ROUTING PROCESS
110
INTERNATIONAL MAIL.TRANSFER PROCESS
112
ACCEPTANCE
104
MAIL
130
131
METER
PC METER
REJECTED MAIL PROCESS
106
NATIONAL DELIVERY PROCESS
109
111
OTHER LANDS

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FIGURE 2

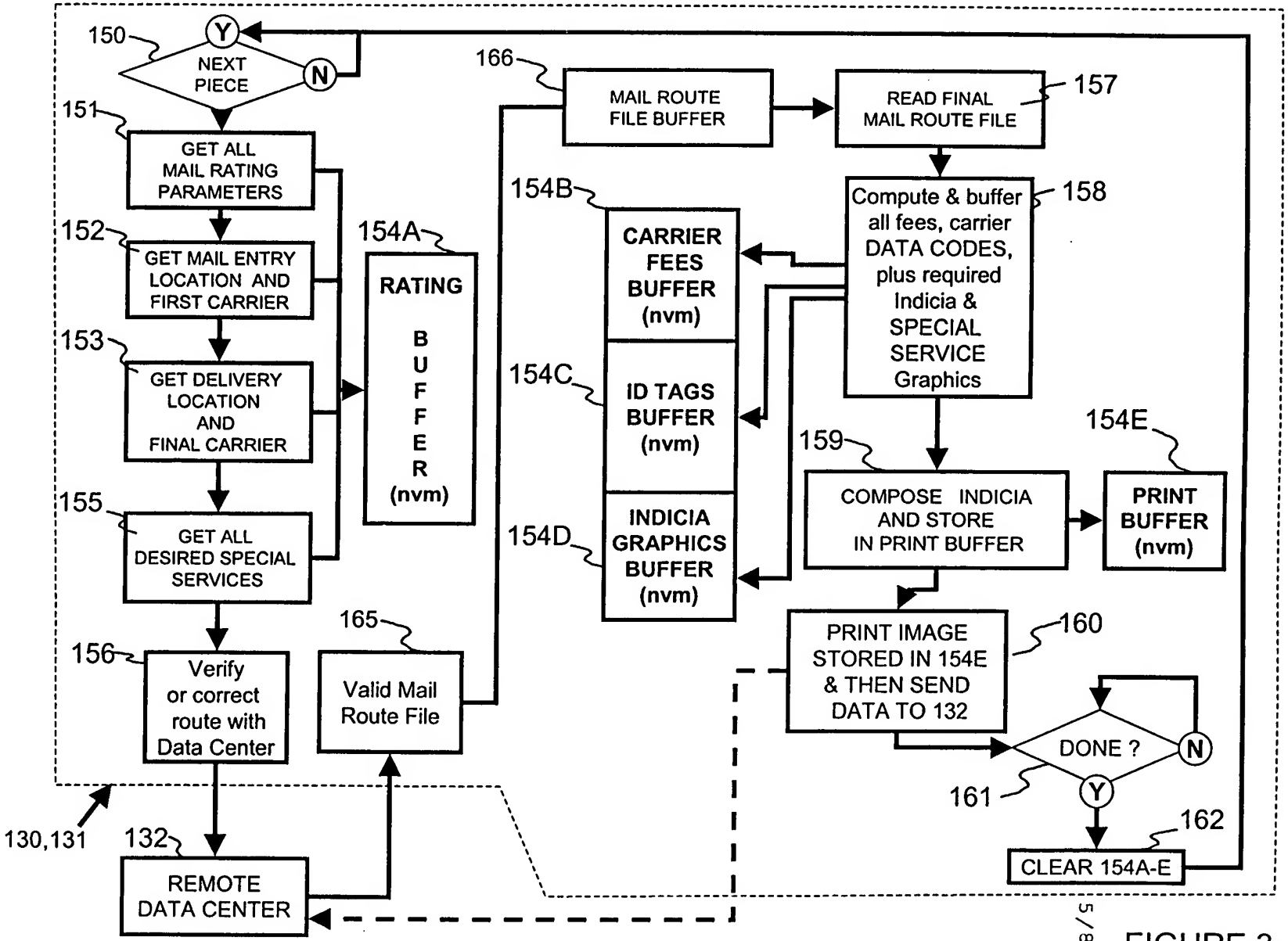
150
NEXT PIECE
Y
N
151
GET ALL MAIL RATING PARAMETERS
152
GET MAIL ENTRY LOCATION AND FIRST CARRIER
153
GET DELIVERY LOCATION AND FINAL CARRIER
155
GET ALL DESIRED SPECIAL SERVICES
156
Verify or correct route with Data Center
130,131
132
REMOTE DATA CENTER
154A
RATING BUFFER (nvm)
165
Valid Mail Route File
166
MAIL ROUTE FILE BUFFER
157
READ FINAL MAIL ROUTE FILE
158
Compute & buffer all fees, carrier DATA CODES, plus required Indicia & SPECIAL SERVICE Graphics
154B
CARRIER FEES BUFFER (nvm)
154C
ID TAGS BUFFER (nvm)
154D
INDICIA GRAPHICS BUFFER (nvm)
159
COMPOSE INDICIA AND STORE IN PRINT BUFFER
154E
PRINT BUFFER (nvm)
160
PRINT IMAGE STORED IN 154E & THEN SEND DATA TO 132
DONE ?
161
162
CLEAR 154A-E

FIGURE 3

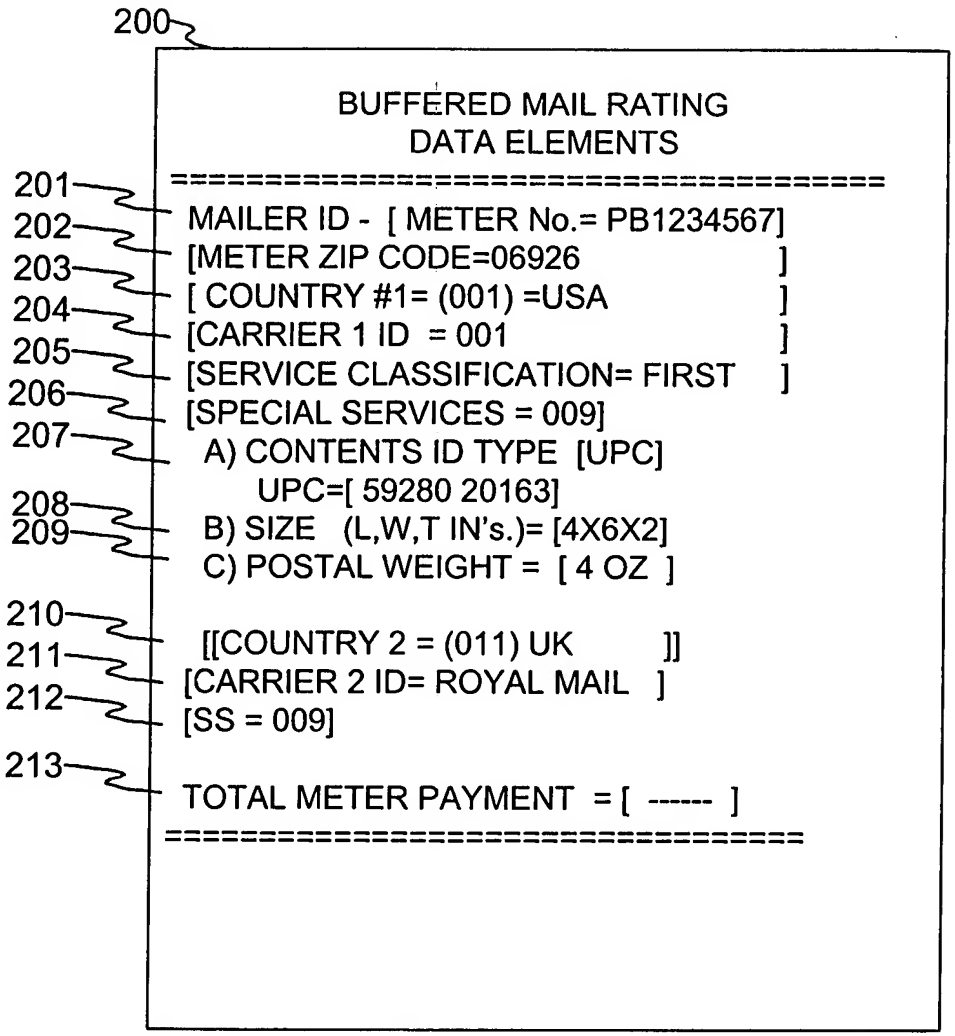
200
BUFFERED MAIL RATING
DATA ELEMENTS
201
202
203
204
205
206
207
208
209
210
211
212
213
MAILER ID - [METER No.= PB1234567]
[METER ZIP CODE=06926]
[COUNTRY #1= (001) =USA]
[CARRIER 1 ID = 001]
[SERVICE CLASSIFICATION= FIRST]
[SPECIAL SERVICES = 009]
A) CONTENTS ID TYPE [UPC]
UPC=[59280 20163]
B) SIZE (L,W,T IN's.)= [4X6X2]
C) POSTAL WEIGHT = [4 OZ]
[[COUNTRY 2 = (011) UK]]
[CARRIER 2 ID= ROYAL MAIL]
[SS = 009]
TOTAL METER PAYMENT = [------]

FIGURE 4

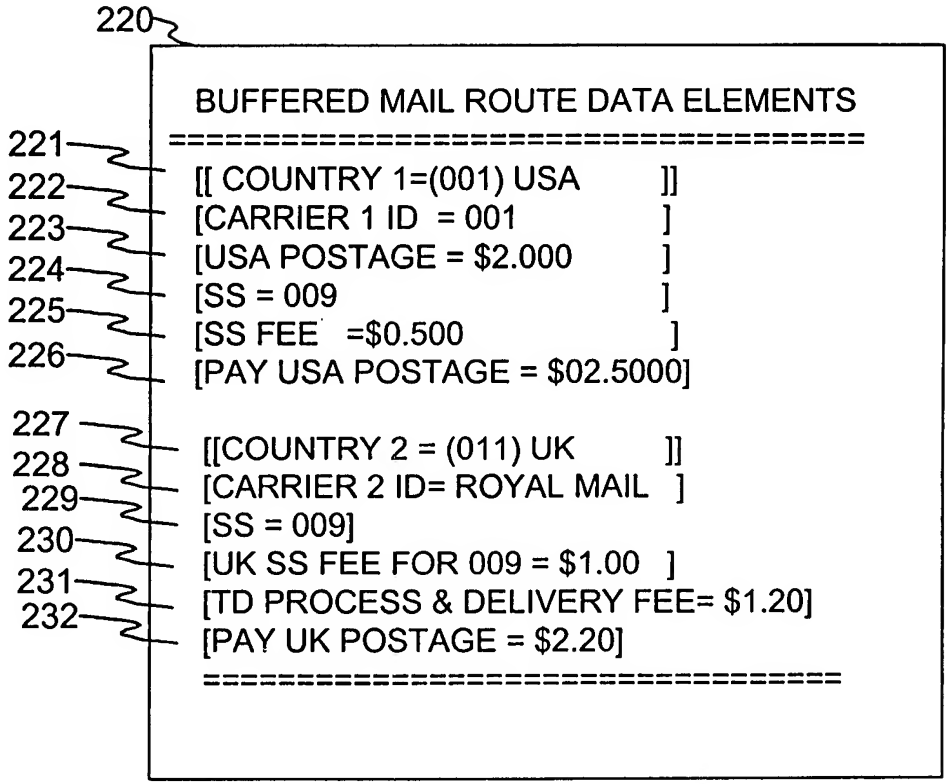
220
BUFFERED MAIL ROUTE DATA ELEMENTS
==========
221
[[COUNTRY 1=(001) USA]]
222
[CARRIER 1 ID = 001]
223
[USA POSTAGE = $2.000]
224
[SS = 009]
225
[SS FEE =$0.500]
226
[PAY USA POSTAGE = $02.5000]
227
[[COUNTRY 2 = (011) UK]]
228
[CARRIER 2 ID= ROYAL MAIL]
229
[SS = 009]
230
[UK SS FEE FOR 009 = $1.00]
231
[TD PROCESS & DELIVERY FEE= $1.20]
232
[PAY UK POSTAGE = $2.20]
==========

FIGURE 5

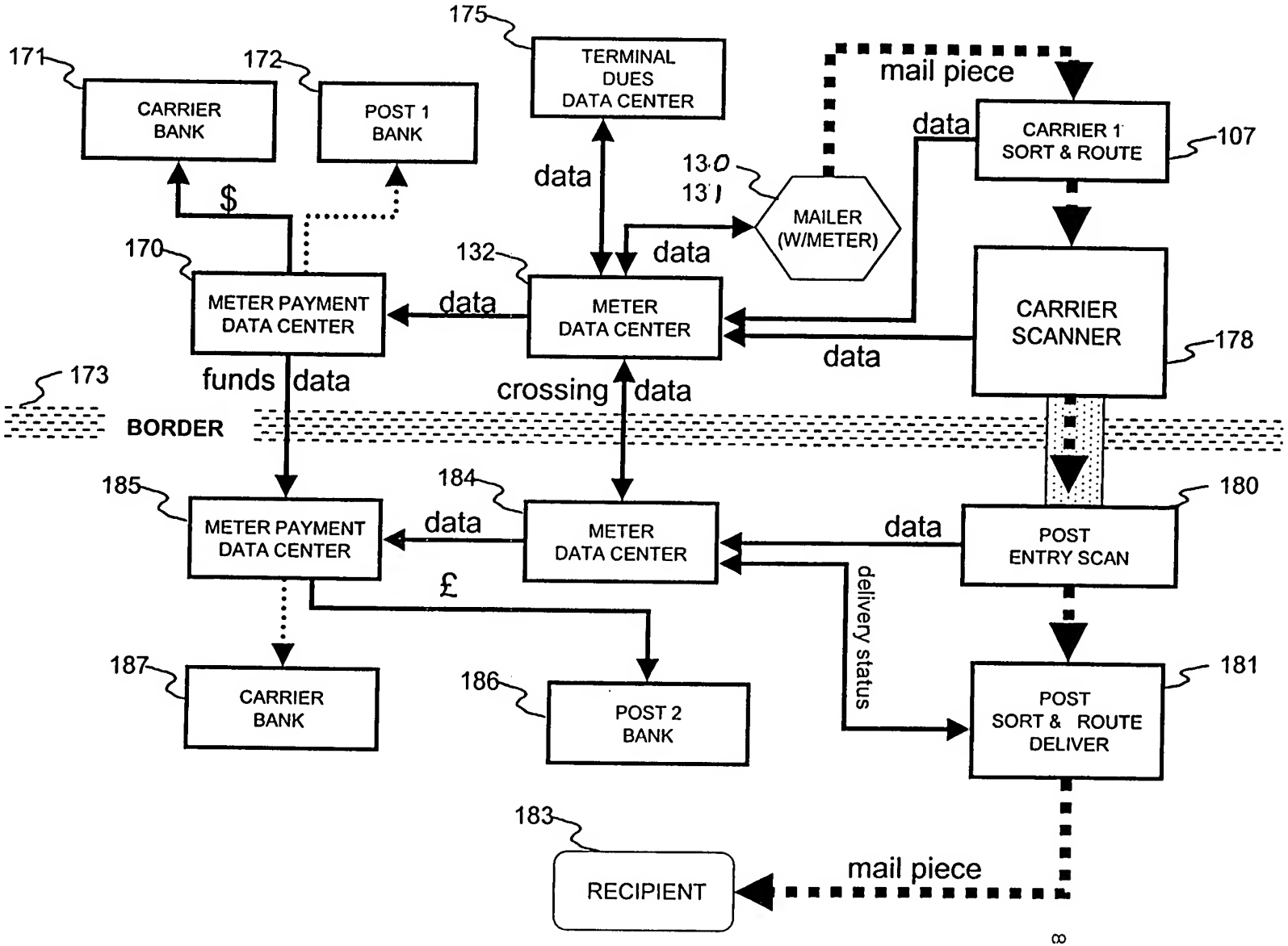
175
TERMINAL DUES DATA CENTER
171
CARRIER BANK
172
POST 1 BANK
mail piece
data
CARRIER 1 SORT & ROUTE
107
data
130
131
MAILER (W/METER)
$
data
170
132
METER PAYMENT DATA CENTER
data
METER DATA CENTER
CARRIER SCANNER
178
data
173
funds
data
crossing
data
BORDER
185
184
180
METER PAYMENT DATA CENTER
data
METER DATA CENTER
data
POST ENTRY SCAN
£
delivery status
187
CARRIER BANK
186
POST 2 BANK
181
POST SORT & ROUTE DELIVER
183
RECIPIENT
mail piece

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FIGURE 6